IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of William D. Picking et al.

Serial No.: Not Yet Assigned

Filed: Herewith

For METHOD FOR THE PRODUCTION OF PURIFIED INVASIN PROTEIN AND

USE THEREOF

April 19, 2001

PRELIMINARY AMENDMENT

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR:

Please enter the following amendments prior to examination of the above-identified patent application:

IN THE SPECIFICATION:

Please add the following new paragraph immediately after the title on page 1 of the application.

-- CROSS-REFERENCE TO RELATED APPLICATIONS

This application is the national stage of PCT Application No. US99/24931, filed October 21, 1999, which claims the benefit of U.S. Provisional Patent Application 60/105,085, filed October 21, 1998 and U.S. Provisional Patent Application 60/136,754, filed June 1, 1999, all of which are herein incorporated by reference in their entirety for all purposes .--

IN THE CLAIMS:

19, 20, 23, 24, 27, 28, 34-Please cancel claims 8, 9, 11 74-76, 81, 88, 89, 93 and 97. 37, 45, 46, 48-50, 57-60, 69,

Please amend the following claims:

(Amended) The method of claim 14 wherein the protein 16. denaturant is selected from the group consisting of guanidine hydrochloride, detergents, and urea.